

FFI & FFI-Lite Upgrade Installation Guide

For upgrading an existing installation

New FFI users should follow the installation instructions in the FFI User's Guide posted on the FFI Software and Manuals page here:

www.frames.gov/ffi

NOTE: There are separate sections for **Forest Service** and **non-Forest Service** users



Updated for FFI v1.05.13
Nov. 8, 2021

TABLE OF CONTENTS

PREFACE.....	3
Description of FFI-Lite	3
Comparison of FFI and FFI-Lite	3
Major changes in FFI 1.05.13.....	3
FFI UPGRADE INSTRUCTIONS FOR NON-FOREST SERVICE USERS	5
FFI 1.05.13 Installation	5
FFI-Lite 1.05.13 Installation	9
FFI-Lite UPGRADE INSTRUCTIONS FOR FOREST SERVICE USERS.....	14
FFI-Lite 1.05.13 Installation	14

PREFACE

There are separate instructions for **Forest Service** and **non-Forest Service** users.

FFI and FFI-Lite have the same functionality except FFI allows multiple users simultaneous access to the FFI database and includes a Database Management tool for assigning users and roles. FFI is not certified for installation on Forest Service computers.

If you have questions about FFI or FFI-Lite contact Duncan Lutes: duncan.lutes@usda.gov or (406) 214-9265.

Description of FFI-Lite

FFI-Lite is an easy-to-install alternative to FFI. It will be most useful for:

- Smaller monitoring programs that do not need to access FFI databases from multiple workstations and do not need to assign users permission to a FFI database
- Field data collection

Comparison of FFI and FFI-Lite

The user experience of the FFI and FFI-Lite applications is the same. The *Project Management*, *Data Entry and Edit*, *Query*, *Reports and Analysis*, and *Species Management* data screens look and function the same in both FFI and FFI-Lite.

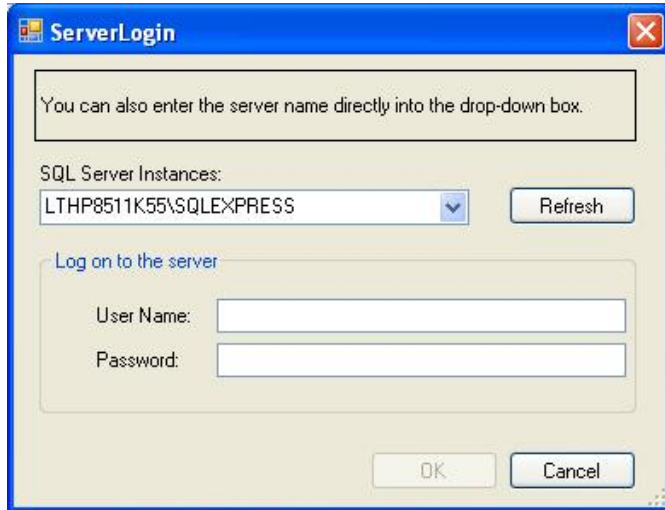
FFI-Lite databases cannot be accessed on network drives (e.g., Box/Pinyon). If you need network access to your database(s) then you must use FFI and SQL Server Express.

Major changes in FFI 1.05.13

- Database auditing in FFI/SQL Server
- CSV import/export for sample event data
- FVS exports are now made to SQLite to support changes to FVS
- Updated export files for FOFEM and FuelCalc
- The SQL Browser utility in FFI is not functional on some Windows 10 machines. To connect to a server you must type the server instance name in the box named SQL Server Instances. The instance name will be in the form `computername\SQLEXPRESS`.

E.g., if your computer name is LTHP8511K55 and you used the default instance name when installing FFI then the instance name to use is: *LTHP8511K55\SQLEXPRESS*.

NOTE: The SQL Instance name was assigned when you installed SQL Express. Most people use the default, which is SQLEXPRESS. Occasionally, it is followed by a "1" or "2". E.g., SQLEXPRESS1.



To find your computer name select **Start > Control Panel > System**. Click on the *Computer Name* tab and look for the Full Computer Name. The computer name may be followed by some domain information - such as *LTHP8511K55.ds.fs.fed* - but the computer name you will use is the first part: *LTHP8511K55*



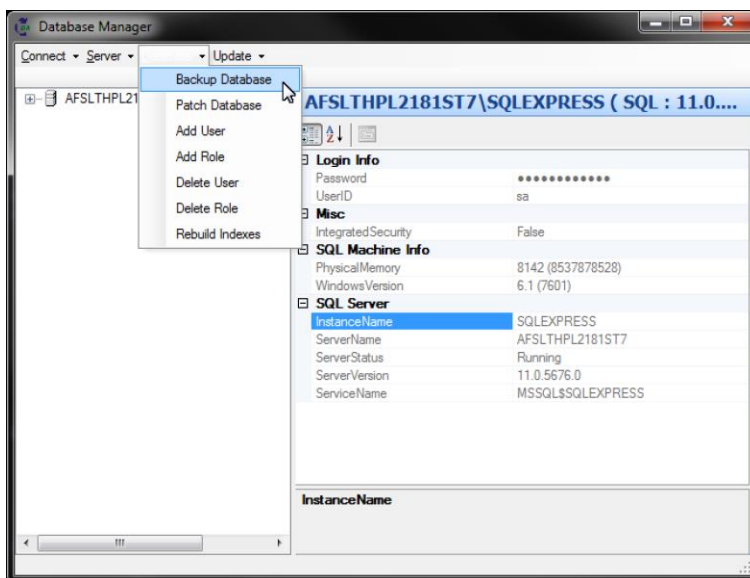
FFI UPGRADE INSTRUCTIONS FOR NON-FOREST SERVICE USERS

FFI 1.05.13 Installation

For users of FFI v1.04.00 - 1.05.08

- If you are new FFI user or need more specific installation instructions, see the *Installation* section of the *FFI User Guide* which is available on the [FFI Software and Manuals](http://www.frames.gov/ffi) page at: www.frames.gov/ffi.
- The instructions in this document assume you are using FFI only on a desktop. If using a database server configuration FFI will need to be updated on the server and every computer accessing the server.
- You must have Windows administrator privileges to install FFI on your computer. A standard Windows user can use FFI after a Windows administrator has installed it.

- 1) If needed, get Administrator Privileges on the computer you are installing FFI on.
- 2) Using the FFI version you currently have installed, open *FFI Database Administration* and make backup files of your database(s). Save the .bak files in a safe place such as an external drive or network location.



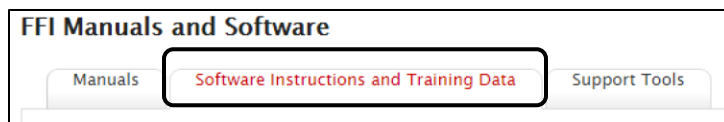
*NOTE: If you are unable to save backups to the default SQL Backup folder because of folder permission issues try saving them in the C:\Tmp folder or on a flash drive. If those don't work then log into FFI and, on the Administrative Unit selection screen, export all Administrative Units by checking all the boxes on the left and clicking **Export Admin. Unit(s)** on the right. Save this file in case you need it later.*

- 3) Close *FFI Database Administration* when you are finished backing up your databases.

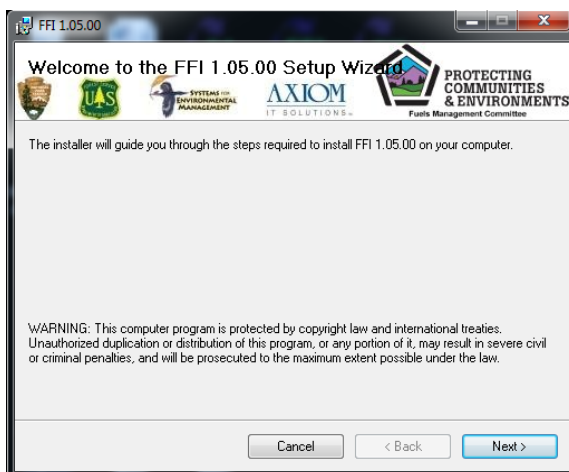
- 4) Uninstall FFI. Click **Start > Control Panel > Add or Remove Programs**, select *FFI 1.0x.xx* and **Remove**.

NOTE: This step is not required - you can have multiple versions of FFI installed on the same computer – but removing old versions will eliminate confusion about what version to use.

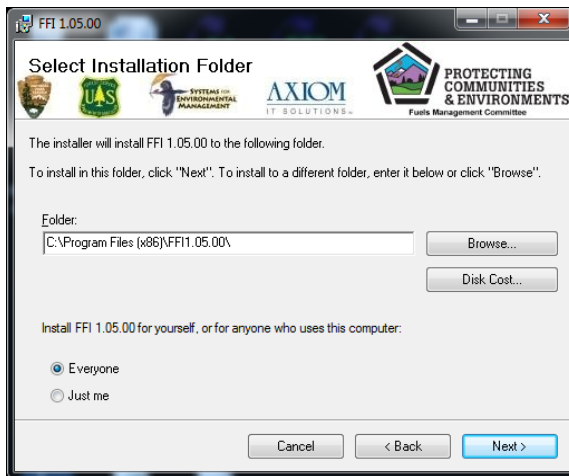
- 5) Close *Control Panel* after FFI has been removed.
- 6) Open *File Explorer*, create a temporary directory on your C: drive where you will store the installation files (e.g., C:\FFITemp).
- 7) Open a browser, go to the [FFI-FRAMES website](#) and then go to the *Manuals and Software* page, *Software Instructions and Training Data* tab.



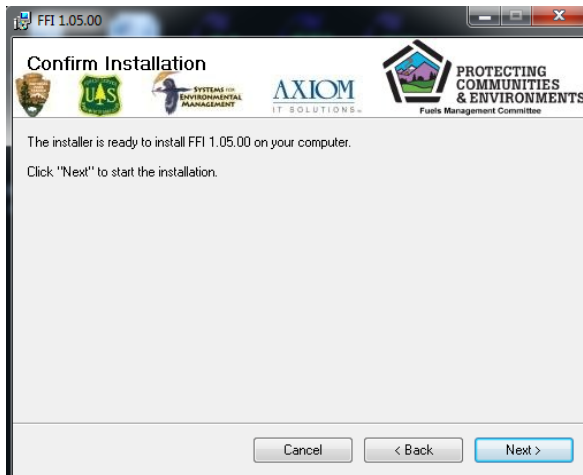
- 8) Right-click *FFI_10513_Installer.zip*, select **Save link as...** and save the file in the temporary directory you created above.
- 9) Close your browser.
- 10) In *File Explorer*, navigate to the temporary directory where you saved the FFI zip file. Right-click the filename, select **Extract All** and save the FFI folder in the same folder as the zip file.
- 11) In *File Explorer*, open the folder you just unzipped and double-click the FFI installation file: **Setup.exe**.
- 12) The FFI Setup Wizard page will open. Click *Next*.



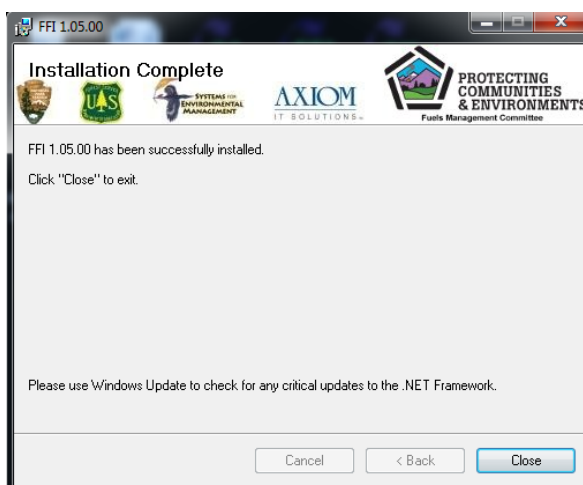
- 13) Accept the default installation folder and click *Next*.



14) Click *Next* on the Confirm Installation screen.



15) Click *Close* when the installation is complete.

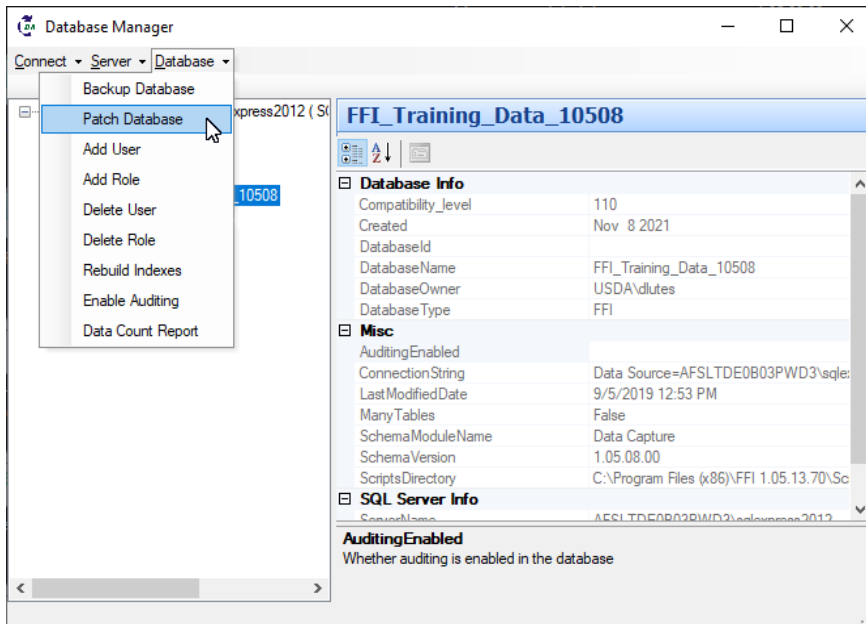


16) Three FFI icons will be added to your desktop:

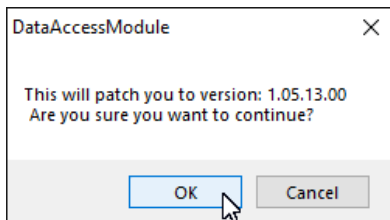
- Protocol Manager 1.05.13.xx
- FFI Database Administration 1.05.13.xx
- FFI 1.05.13.xx

17) Close *File Explorer*.

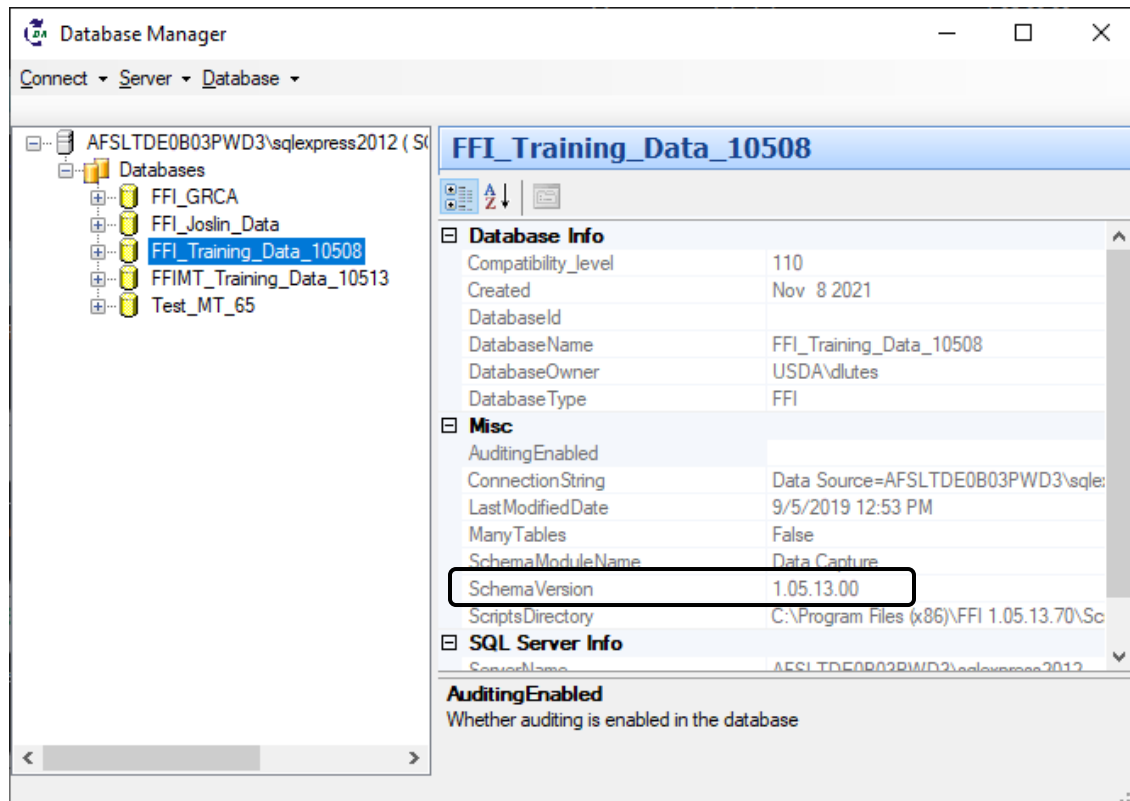
18) To patch your database to the new data schema, log in to **FFI Database Administration 1.05.13**, highlight the database you would like to patch and select **Database>Patch Database**.



19) Click **OK** to patch the database.



19) The SchemaVersion will be updated to the new version.



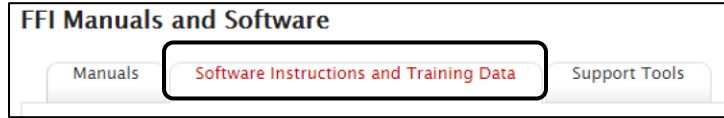
20) You are ready to log in and use FFI 1.05.13

FFI-Lite 1.05.13 Installation

You must have Windows administrator privileges to install FFI-Lite on your computer. A standard Windows user can use FFI after a Windows administrator has installed it.

- 1) If needed, get Administrator Privileges on the computer you are installing FFI-Lite on.
- 2) Make a copy of your FFI-Lite databases(s) and save on an external drive. FFI-Lite databases have an .SDF extension. Right-click the database file, select **Copy**, Open *File Explorer* and navigate to the folder where you save backups, right-click in the folder and select **Paste**.
- 3) Uninstall the previous version of FFI. Click **Start > Control Panel > Add or Remove Programs**, select *FFI 1.0x.xx* and **Remove**. (NOTE: This step is not required - you can have multiple versions of FFI installed on the same computer – but removing old versions will eliminate confusion about what version to use.)
- 4) Close *Control Panel* after FFI has been removed.
- 5) In *File Explorer*, create a temporary directory on your C: drive where you will store the installation files (e.g., C:\FFITemp).

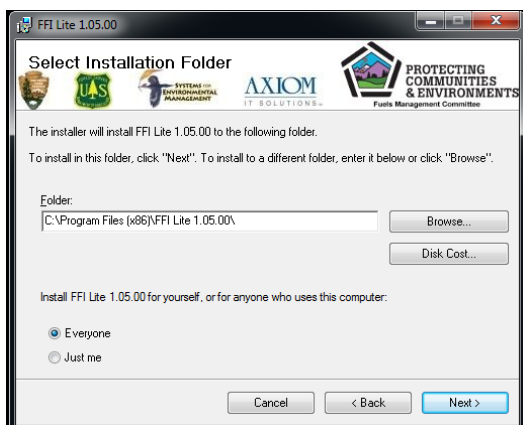
- 6) Open a browser, go to the FFI-FRAMES website (<http://www.frames.gov/ffi>) and then go to the *Manuals and Software* page, *Software Instructions and Training Data* tab.



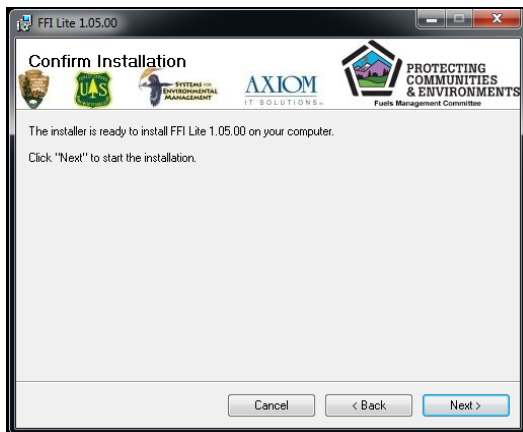
- 8) Right-click *FFI-Lite_10513_Installer.zip*, select **Save link as...** and save the file in the temporary directory you created above.
- 7) Close your browser.
- 8) In *File Explorer*, navigate to the temporary directory where you saved the FFI-Lite zip file. Right-click the filename, select **Extract All** and save the FFI-Lite folder in the same folder as the zip file.
- 9) Open the FFI-Lite folder and double-click the FFI-Lite installation file in the temporary directory: **Setup.exe**.
- 10) The FFI-Lite Setup Wizard page will open. Click **Next**.



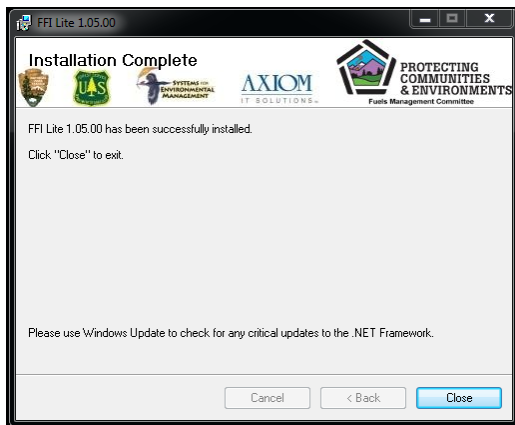
- 11) Accept the default installation folder and click **Next**.



12) Click **Next** on the Confirm Installation screen.

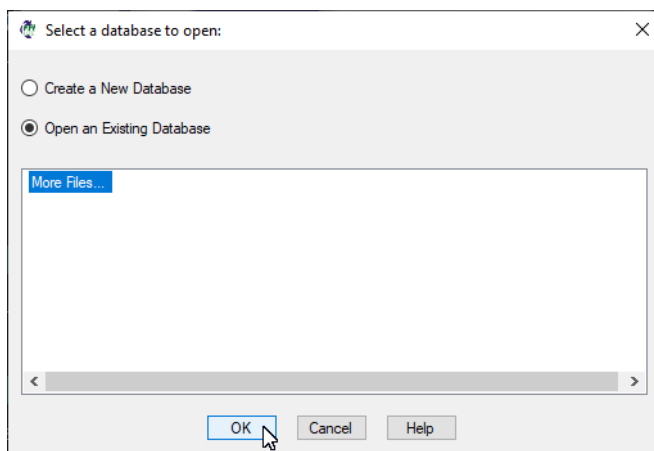


13) Click **Close** when the installation is complete.

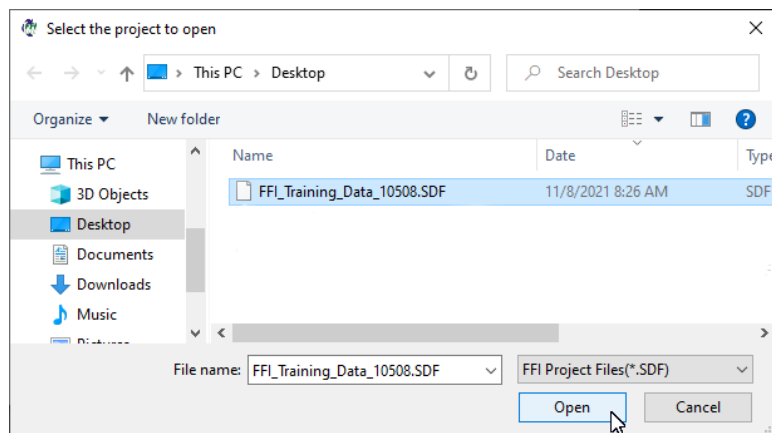


14) The FFI-Lite 1.05.13 icon will be placed on your desktop.

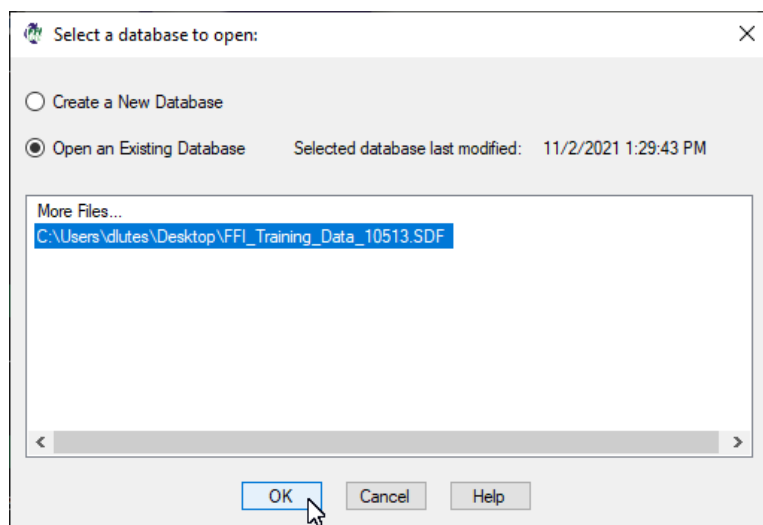
15) Double click the FFI-Lite icon to open FFI-Lite, select the **Open an Existing Database** radio button, click **More Files...**, click **OK**.



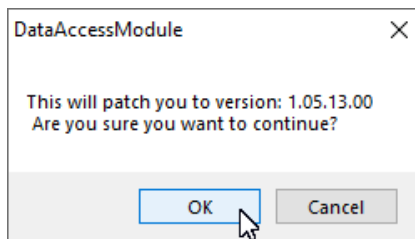
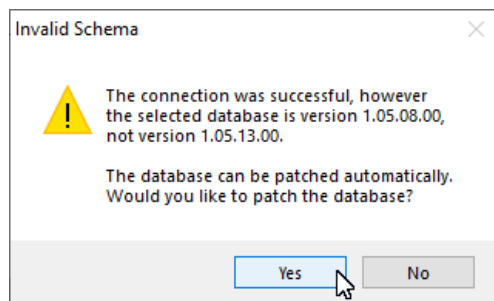
16) Navigate to your database and click **Open**.



17) Click **OK**.



18) Click **Yes** and then **OK** when prompted to patch to the new version



19) Continue logging into your database by selecting the Administrative Unit, etc.

The screenshot shows a window titled "FFI Lite | Administrative Unit". On the left, there is a list box containing one item: "Seb Woods State Park" with a checked checkbox. To the right of the list box is a text box containing the instruction "Select an administrative unit to continue." Below this text box is a vertical stack of buttons: "Continue" (highlighted with a blue border and a mouse cursor), "New Administrative Unit", "Edit Administrative Unit", "Export Admin. Unit(s)", "Import Admin. Unit(s)", "Delete Admin Unit", and "Cancel".

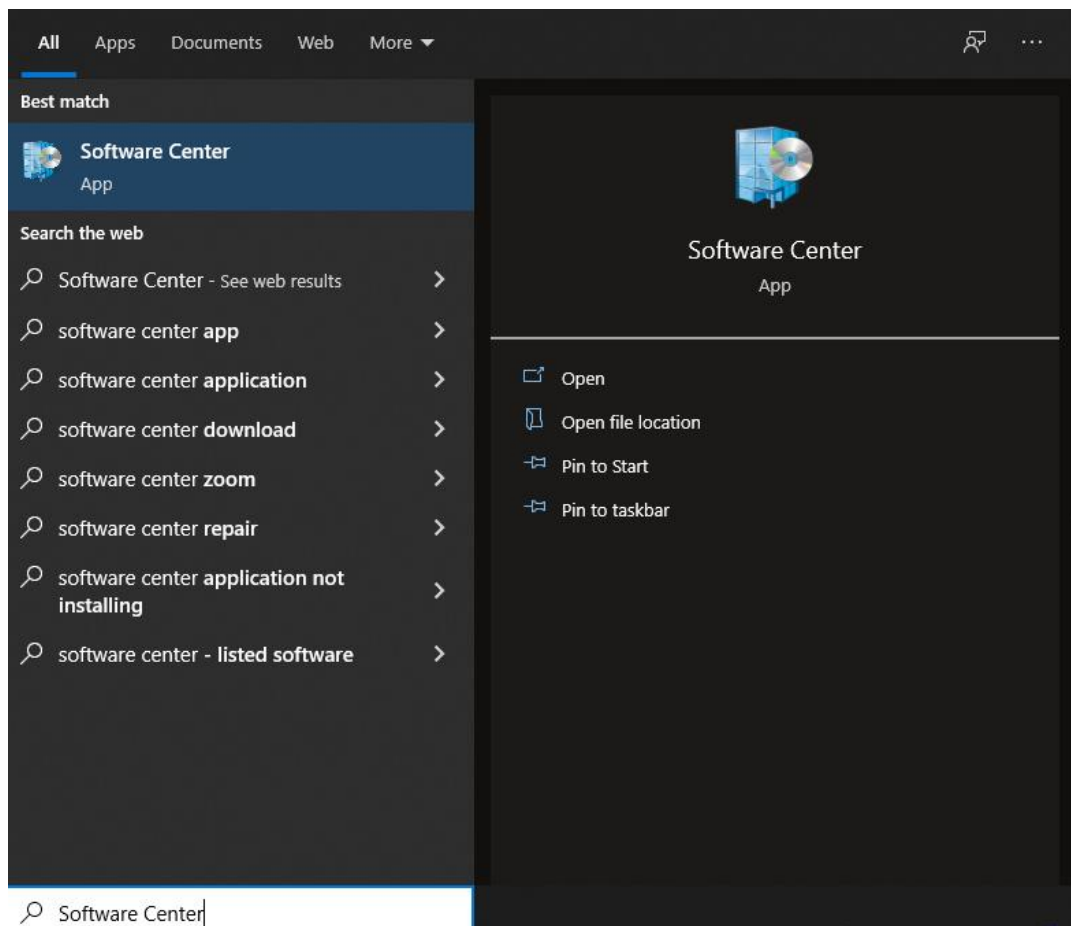
19) You are ready to use FFI-Lite.

FFI-Lite UPGRADE INSTRUCTIONS FOR FOREST SERVICE USERS

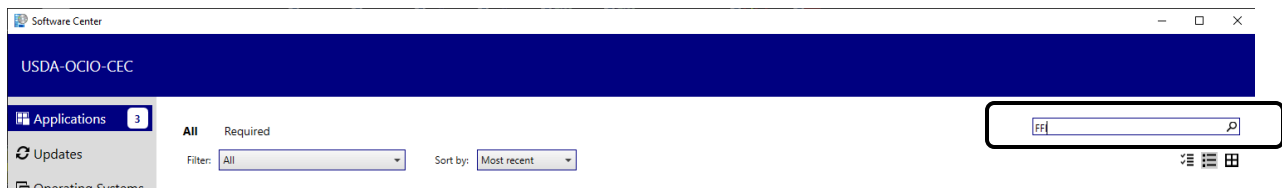
*NOTE: **Only FFI-Lite has been certified by the Forest Service** and the installer must be downloaded from the Software Library.*

FFI-Lite 1.05.13 Installation

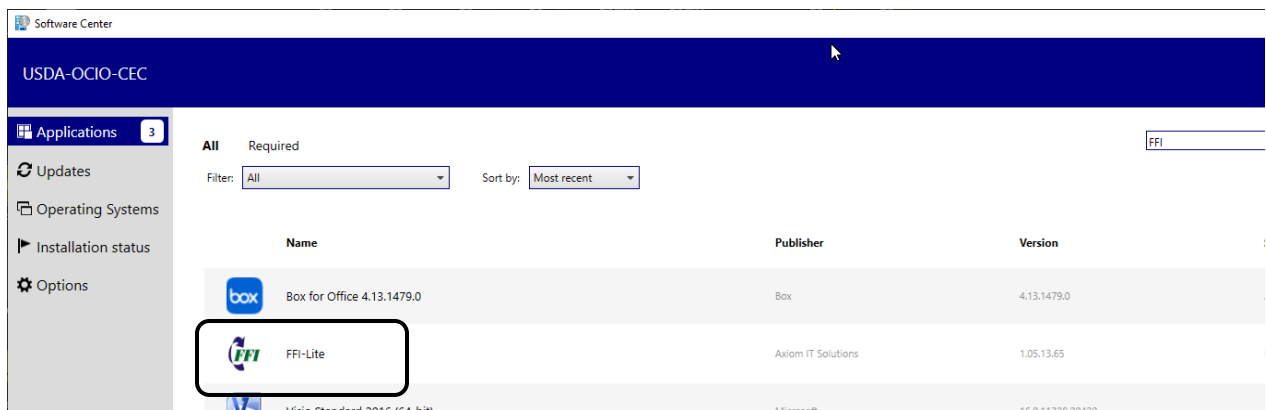
- 1) Make a copy of your FFI-Lite databases(s) and save on an external drive. FFI-Lite databases have an .SDF extension. Right-click the database file, select **Copy**, Open *File Explorer* and navigate to the folder where you save backups, right-click in the folder and select **Paste**.
- 2) Uninstall the previous version of FFI-Lite. Click the **Uninstall or Change a Program** icon on the desktop (Power Broker), select FFI 1.0x.xx and click **Uninstall**. (NOTE: This step is not required - you can have multiple versions of FFI installed on the same computer – but removing old versions will eliminate confusion about what version to use.)
- 3) Close the Power Broker window after FFI has been removed.
- 4) Search the Forest Service Software Center for the most recent certified installer. In the Windows search bar (usually at the lower left of the desktop) type in *Software Center*.



5) Search for *FFI* using the Software Center search box.



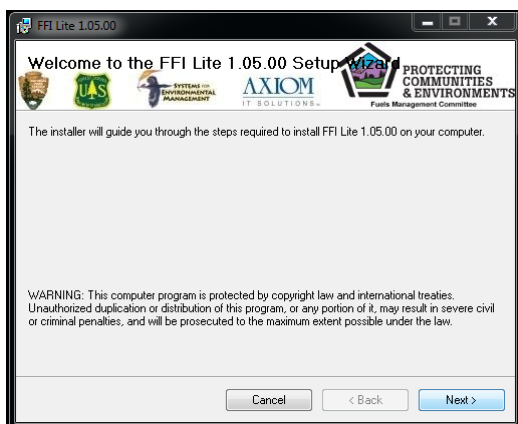
6) Click on **FFI-Lite**.



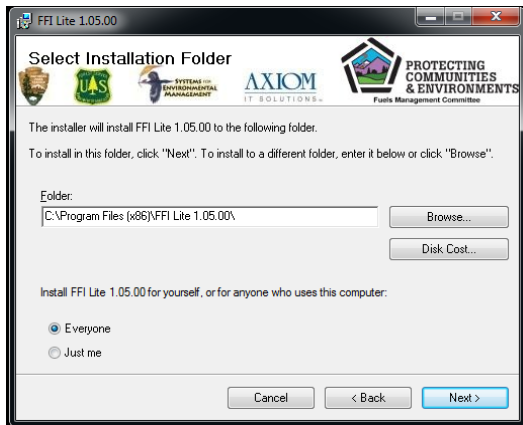
7) Click **Install**.



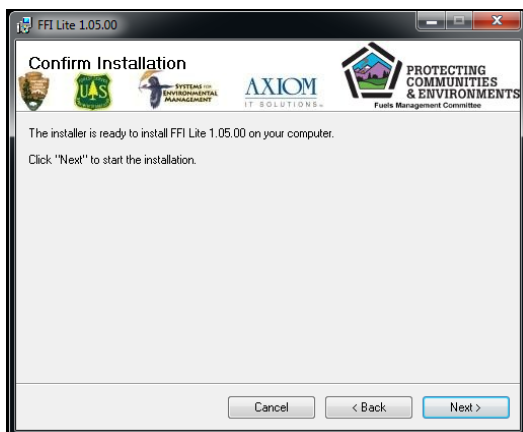
8) The FFI-Lite Setup Wizard page will open. Click **Next**.



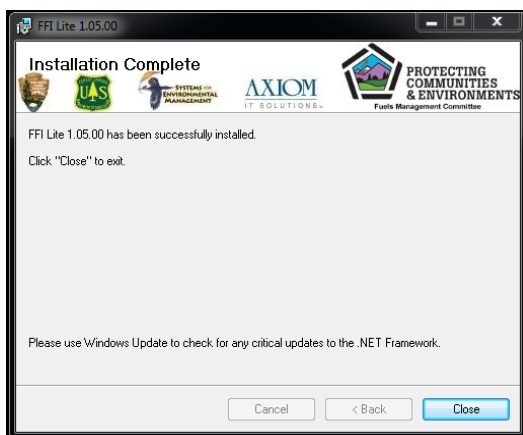
9) Accept the default installation folder and click **Next**.



10) Click **Next** on the Confirm Installation screen.

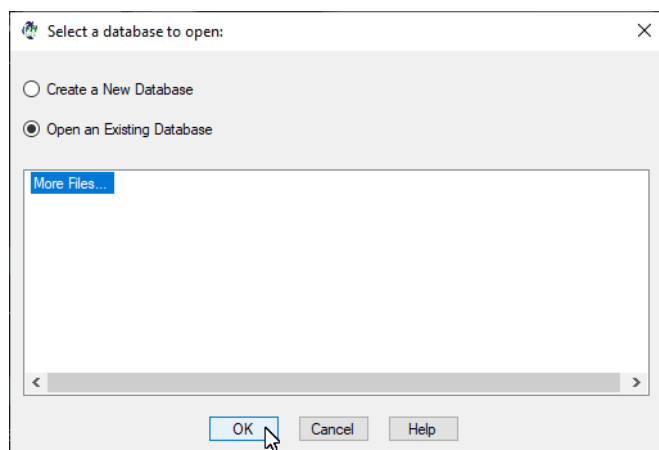


11) Click **Close** when the installation is complete.

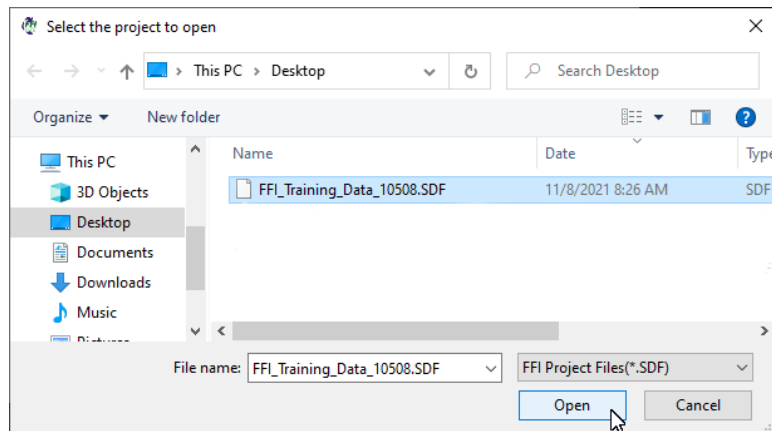


12) The FFI-Lite 1.05.13 icon will be placed on your desktop.

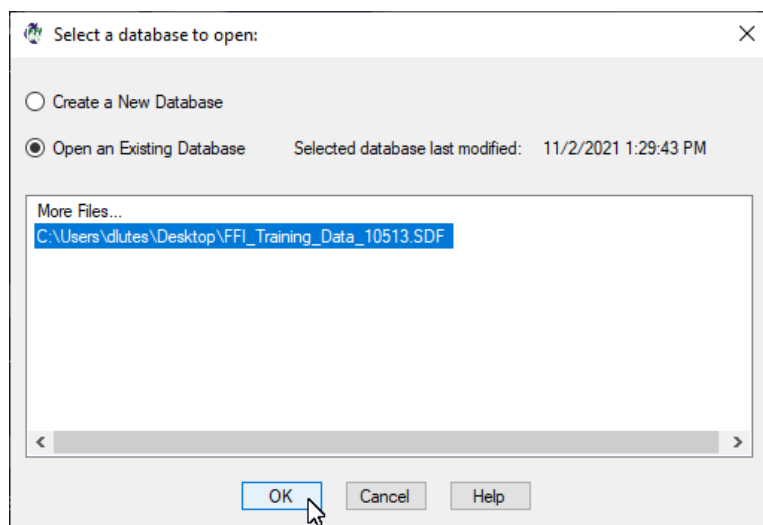
- 13) Double click the FFI-Lite icon to open FFI-Lite, select the **Open an Existing Database** radio button, click **More Files...** and click **OK**.



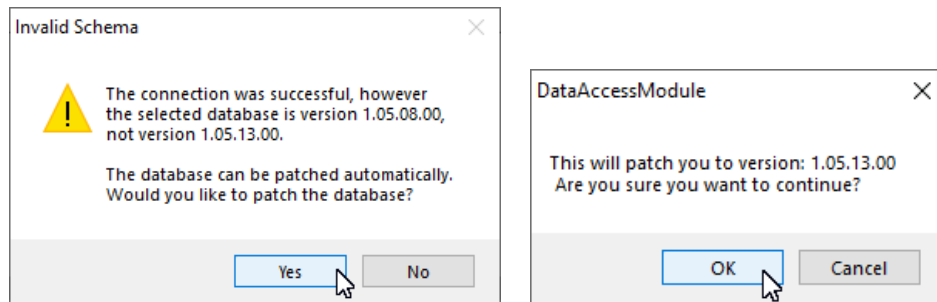
- 14) Navigate to your database and click **Open**.



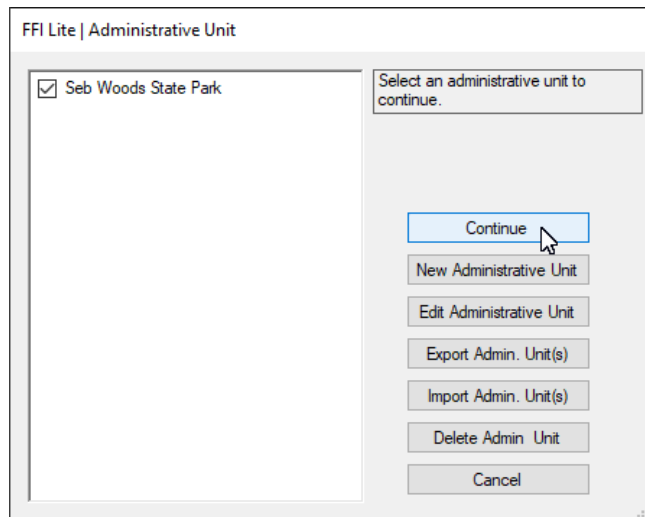
- 15) Click **OK**.



16) Click **Yes** and then **OK** when prompted to patch to the new version



17) Continue logging into your database by selecting the Administrative Unit, etc.



18) You are ready to use FFI-Lite.